



# OnePlus X Charging Port Replacement

Replace the micro USB charging port of your OnePlus X.

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## INTRODUCTION

The guide will show you how to replace the micro USB charging port located on the bottom edge of the phone.

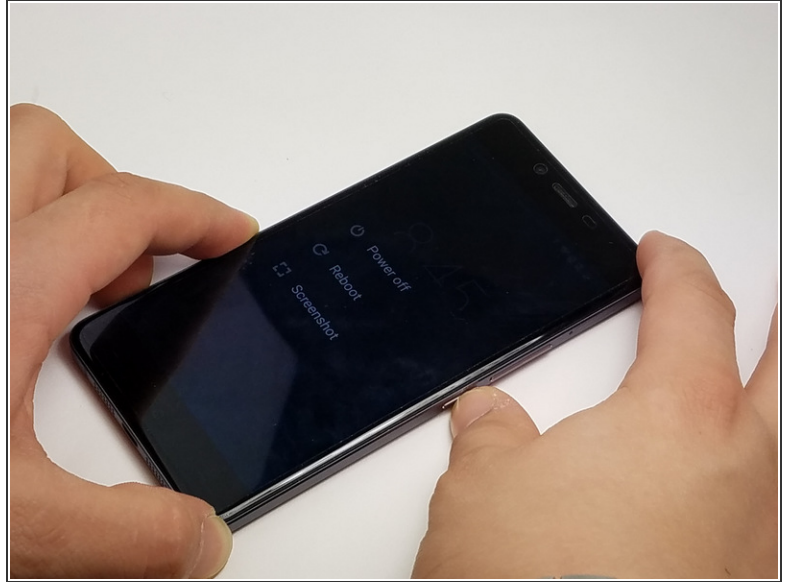
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### TOOLS:

- [Heat Gun](#) (1)
  - [Heavy-Duty Spudger](#) (1)
  - [iFixit Opening Picks set of 6](#) (1)
  - [Jimmy](#) (1)
  - [iFixit Opening Tools](#) (1)
  - [Suction Handle](#) (1)
  - [Phillips #000 Screwdriver](#) (1)
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## Step 1 — Rear Panel



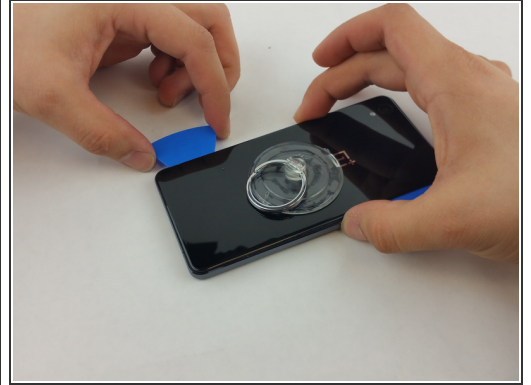
- Power off the device with the Power Button, located on the right hand side of the phone (smaller button).
- Hold the button down for a few seconds, until the option "Power Off" appears.
- Tap "Power Off" on the screen to power down the phone.

## Step 2



- Insert a SIM card removal tool into the small hole on the top right corner of the phone, above the volume buttons.
  - ⓘ If you do not have the original packaging or a SIM card removal tool, use a straightened paperclip.
- Push the tool into the hole. The tray should pop out.
- Remove the tray from the phone.

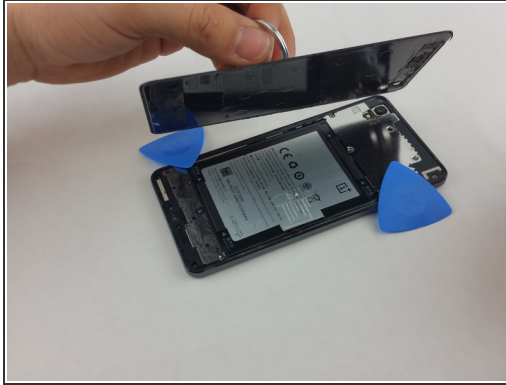
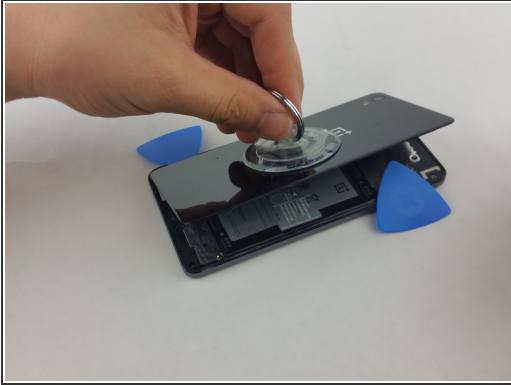
## Step 3



- ⚠ Put on heat-resistant gloves and place the phone on a surface that will not catch fire or melt.
  - Using a heat gun, slowly and evenly heat the edges of the rear panel.
- ⚠ **Do not linger too long on one spot.** The heat gun can damage the device if left on one section for a long period of time.
  - While heating the rear panel, use a Jimmy to test if the adhesive is soft enough to allow the panel to separate from the device.
  - Carefully detach the rear panel, using opening picks to hold the panel apart from the device.
  - Once most of the edges are separated from the device, attach a suction cup to the panel.

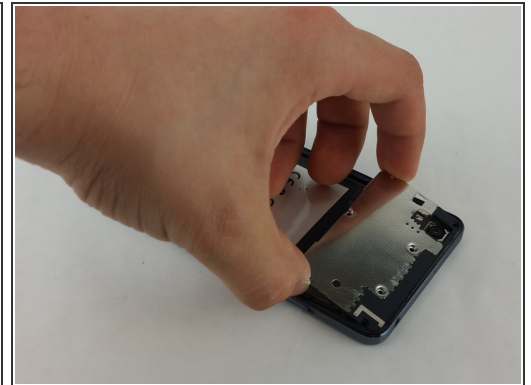
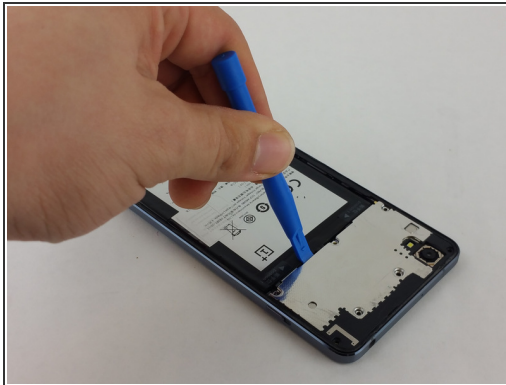
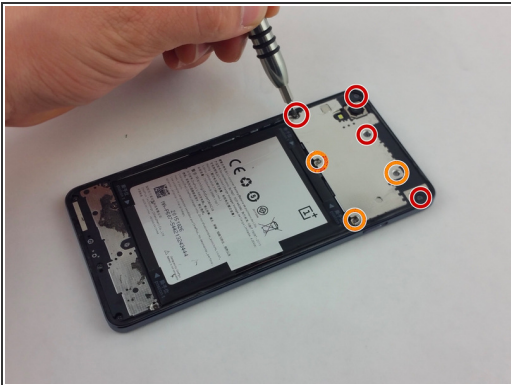


## Step 4



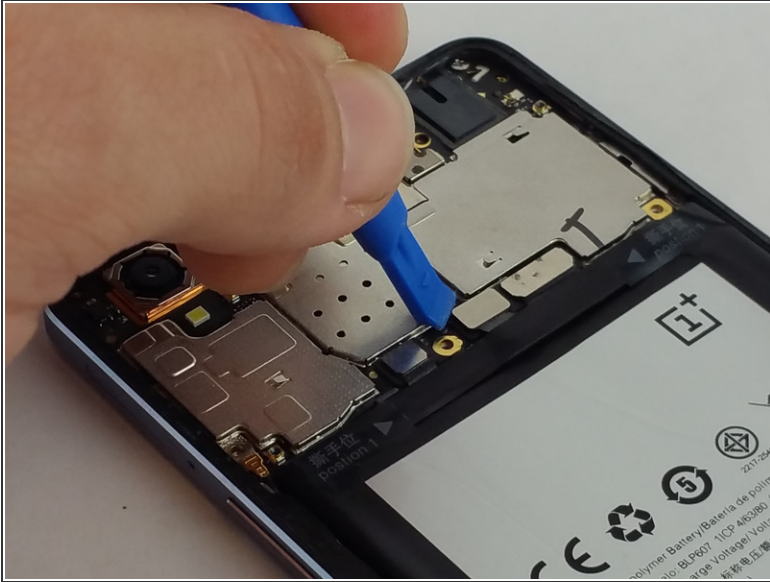
- Press the suction cup to the rear panel to secure it.
- With the help of the suction cup, pull up on the panel to completely detach it from the device.
- ⓘ Use the suction cup to safely remove the panel from the device. As you work around the panel's edges, the lingering heat may cause the remaining adhesive to reattach the panel to the device.

## Step 5 — Battery



- Using a PH000 screwdriver, remove the following seven screws:
  - Four (longer) Phillips 000 screws
  - Three shorter Phillips 000 screws
- Once all of the screws are removed, proceed to using a plastic spudger to pry the metal cover off.
- There are two clips near the bottom, right above that battery, so start by prying on the bottom edge of the plate.

## Step 6





- Once the metal cover is removed, locate the battery connector wire, which clips into the motherboard.
- Using a plastic spudger, gently pry on the clip to release it.
- ⓘ This will cut power to the phone, and prevent any power running to any of the components which is important while working on the phone.

## Step 7



- On the battery, locate a clear tab. This will be used to pull the battery out.
- Firmly grasp the clear tab and pull up and away from the phone.

 Take your time on this, as you do not want to apply too much force and damage the battery.

 There is an adhesive underneath the battery so it might be useful to utilize the black plastic spudger to get between the battery and the phone to remove the adhesive.

- Continue to pull the battery until it is completely free from the phone.

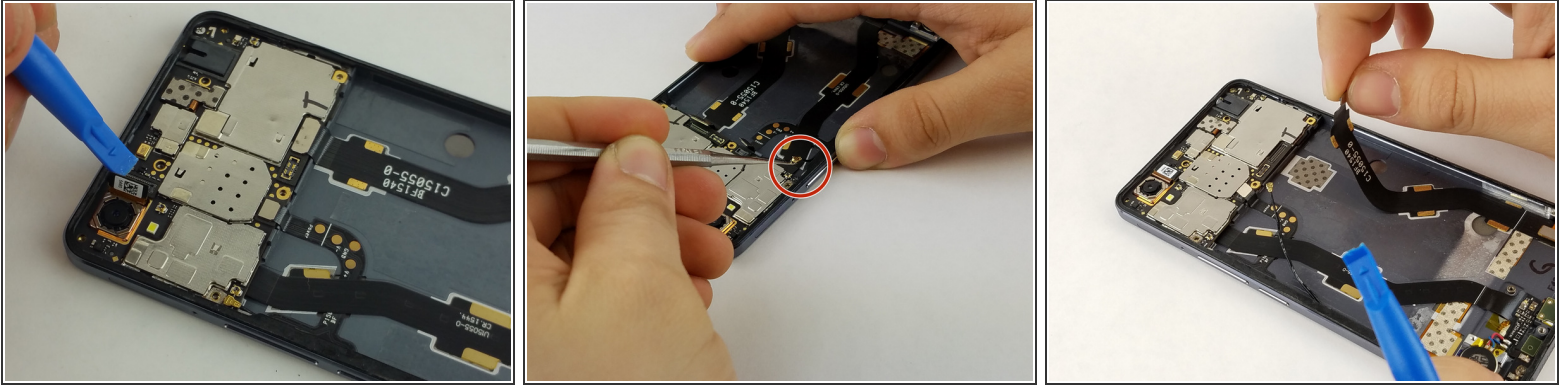


## Step 8 — Charging Port



- Using a PH000 screwdriver, remove the 8 screws from the logic board, circled in the diagram.
- ⓘ We removed the screws when we removed the screws for the top metal cover. As long as the screws have been removed prior to removing any cables or wires, the order in which you remove the screws does not matter.
- Once all the screws have been removed, use the plastic spudger to pry the metal cover off.
- ⚠ The metal cover will be a little difficult to pry off due to adhesive, make sure not to apply too much pressure.

## Step 9



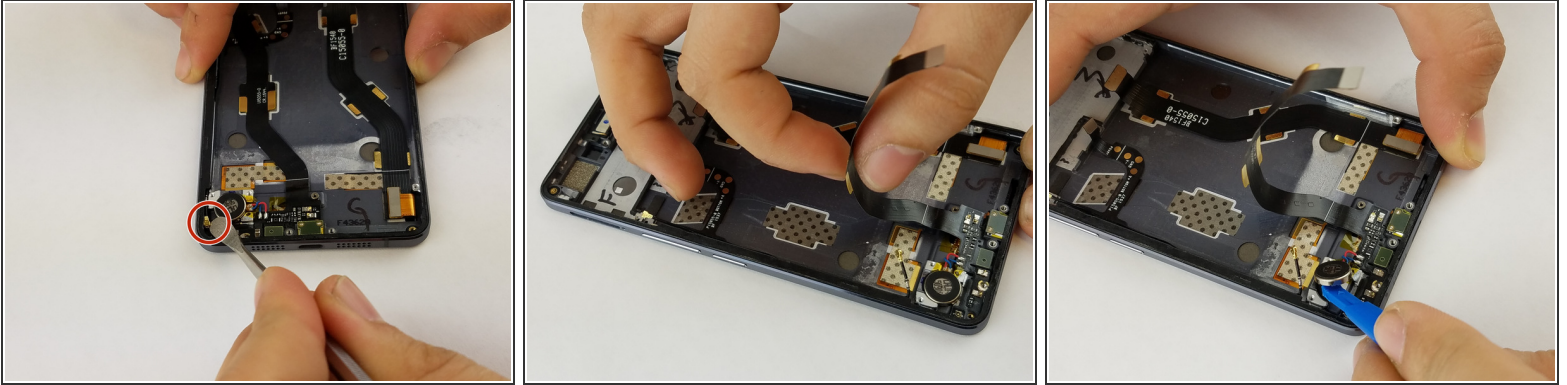
- With the battery removed and the metal covers off, disassembly can continue.
  - Using the plastic spudger, locate the rear-facing camera and unclip it. Once unclipped, set the camera aside.
  - Using the metal spudger, pull off the wire connector, circled in the diagram, and push it away.
- ☑ Make sure to have pushed away any cables or wire connectors before removing the upper logic board.

## Step 10



- Switch back to the plastic spudger and start to pry at the upper logic board. Carefully pry it up until you can safely remove completely.
- ⚠ Be careful when pulling up the upper logic board, the front camera is clipped underneath and pulling too hard may damage it.
- On the bottom left hand side of the phone, you will see a small screw. Use PH000 Philips head screw driver to remove the screw.

## Step 11



- After removing the Philips head screw, you will need to remove a black wire. Use a metal spudger to unclip the cable.

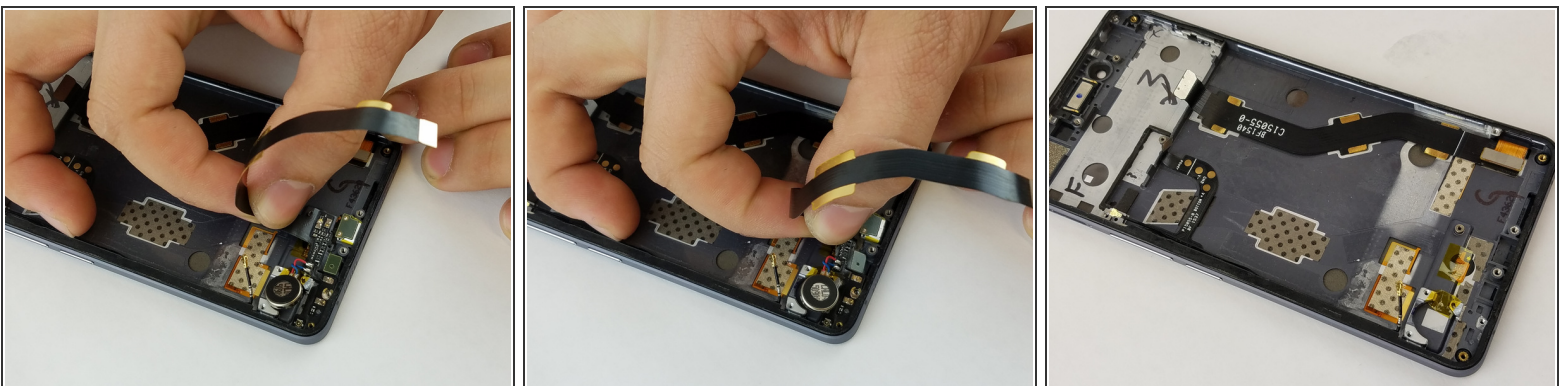
*i* It might be helpful to bend the cable out of the way when working on the phone.

- Pull back on the ribbon-like cable shown in the image. This is connected to both the charging port and the vibration module (which is similar to a small watch battery).

*!* Gently pry out the vibration module with a plastic pry tool. Be gentle, for it is adhered to the phone.

*i* You will need to remove the vibration module before the charging port.

## Step 12



- Once the vibration module is out, pull up **carefully** on the cable as the charging port is attached with adhesive.
- After carefully pulling the port and vibration module, it should now be free from the phone and can be replaced.

To reassemble your device, follow these instructions in reverse order.

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